EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3933	375/219	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:58
L2	8183	(((amplitude or gain) with phase) with (imbalance or distortion or impairment))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L3	0	"10652674"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L4	1	"10/652674"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L5	9	(((amplitude or gain) with phase) with (imbalance or distortion or impairment or remove)) with transceiver and (power adj up)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L6	3933	375/219	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L7	80	(((amplitude or gain) with phase) with (imbalance or distortion or impairment or remove)) with transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:59
L8	11	L7 and L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:58

EAST Search History

L9	207	(((amplitude or gain) with phase) with (imbalance or distortion or impairment)) same transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L10	24	L9 and L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L11	98	rofougaran.in. and transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L12	0	"WO01028310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L13	0	wo01028310	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L14	60	QAM with ((amplitude or gain) near2 (imbalance or distortion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L15	71	(((amplitude or gain) with phase) with (imbalance or distortion or impairment)) with transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L16	178	QAM with ((amplitude or gain) with (imbalance or distortion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53

EAST Search History

L17	1	"10/396118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L18	0	"WO/01028310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L19	13	mohindra.in. and calibration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L20	43	QAM with ((amplitude or gain) near (imbalance or distortion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L21	15	"1028310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L22	46	(((amplitude or gain) with phase) with (imbalance or distortion or impairment)) same transceiver and (power adj up)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L23	172	rofougaran.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L24	1638	QAM and ((amplitude or gain) with (imbalance or distortion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53

EAST Search History

L25	0	mohindra.in. and calibration]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L26	76	QAM with (((amplitude or gain) with phase) with (imbalance or distortion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L27	237	mohindra.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L28	1	((((amplitude or gain) with phase) with (imbalance or distortion or impairment)) same transceiver and (power adj up) and digital$2).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L29	991	(((amplitude or gain) with phase) with (imbalance or distortion or impairment)) and transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L30	2	"6151312".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L31	88	QAM with ((amplitude or gain) near5 (imbalance or distortion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L32	4	"01028310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53

EAST Search History

L33	29	(((amplitude or gain) with phase) with (imbalance or distortion or impairment)) and tranceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L34	2	"7233638".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:53
L36	2448	375/259	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 16:58
L37	8	L7 and L36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 17:10
L38	0	((((amplitude or gain) with phase) with (imbalance or distortion or impairment or remove)) with transceiver and blind).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 17:02
L39	17	((((amplitude or gain) with phase) with (imbalance or distortion or impairment or remove)) with transceiver).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 17:02
L40	0	((((amplitude or gain) with phase) and (imbalance or distortion or impairment or remove)) and transceiver and blind).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 17:02
L41	2	"7173988".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 17:10

EAST Search History

L42	2	"20020097812".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 17:11
L43	2	"6792054".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 17:16
L44	2	"20020097812".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/19 17:16

Web Results **1** - **10** of about **36** for **"phase and gain imbalance" blind**. (**0.39** seconds)

In-phase and quadrature-phase rebalancer - Patent 20020097812
... filtering to cancel the **phase and gain imbalance** in the receiver. This invention is **blind** in the sense that no carrier phase recovery is required. ...
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Method of fixing frequency complex up-conversion phase and gain ...
<1 and B.apprxeq.1 are the **phase and gain imbalance** (ratio of the q and the i .... The signal-processing algorithm, for example, is basically **blind** meaning ...
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Method for reducing complex frequency down-conversion impairments ...
... the **phase and gain imbalance** and provide a way to correct the impairments. ... The signal processing is basically **blind**; meaning that it does not ...
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ieeexplore.ieee.org/iel5/10360/32959/01543419.pdf?arnumber=1543419 - Similar pages - Note this

Phase/gain imbalance estimation or compensation invention
2000-IEEE, "**Blind** Source Separation Based I/Q imbalance compensation", Valkama, ...
This scheme will compensate both **phase and gain imbalance** in a ...
www.freshpatents.com/Phase-gain-imbalance-estimation-or-compensation-dt20060223ptan20060039506.php?type=d... - 61k - Cached - Similar pages - Note this

[PDF] NON-CONTACT MEASUREMENT OF HEART AND RESPIRATION RATES WITH A ...
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Continuous-wave (CW) radar systems are **blind** to stationary or slow-moving clutter, ...
phase and gain imbalance for the whole receiver is assessed. ...
transducers.stanford.edu/Publications/PDF-files/Droitcour_Thesis.pdf - Similar pages - Note this

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Q **phase and gain imbalance**, filter bandwidth. mismatch, uncertainty in the automatic gain control ..... **Blind** review of all submitted papers by national ...
cs.lums.edu.pk/annual_report.pdf - Similar pages - Note this

Equalizers > Automatic > Adaptive > Quadrature channels > Patents ...
7173988, Adaptive **phase and gain imbalance** cancellation, Feb. 6, 2007 ... 6952444, **Blind** DFE and phase correction, Oct. 4, 2005 ...
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1 2 **Next**

Google "phase and gain imbalance" blind power-up Search Advanced Search Preferences

Web Results **1 - 2** of **2** for **"phase and gain imbalance" blind power-up**. (**0.36** seconds)

Tip: Try removing quotes from your search to get more results.

Method of fixing frequency complex up-conversion phase and gain ...
<1 and B.apprxeq.1 are the **phase and gain imbalance** (ratio of the q and the .... can start operating in **power up** independent of the transmitter corrections. ...
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Method for reducing complex frequency down-conversion impairments ...
The signal processing is basically **blind**; meaning that it does not require ... The result is that the process can be started at **power up** of the receiver, ...
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"phase and gain imbalance" AND blind AND power-up Search

☑ Journal sources ☑ Preferred Web sources ☑ Other Web sources ☐ Exact phrase

Searched for:: :All of the words:**"phase** and **gain imbalance"** AND **blind** AND **power-up** AND **quadrature**

Found:: :**1 total | 0 journal results | 1 preferred web results | 0 other web results**

Sort by:: :**relevance** | **date**

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☐ **1.** In-phase and quadrature-phase rebalancer
Wiss, John, *UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION*, Jul 2002
patno:US20020097812
...filtering to cancel the **phase and gain imbalance** in the receiver. This invention is **blind** in the sense that no carrier...the I and Q (in-phase and **quadrature**-phase, respectively) components...of signals using a novel **blind** approach, i.e., without...the I and Q (in-phase and **quadrature**-phase, respectively) components...of signals using a novel **blind** approach, i.e.
Full text available at patent office. For more in-depth searching go to LexisNexis
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"phase and gain imbalance" AND blind AND power-up Search

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Sorry, your query - "phase and gain imbalance" AND blind AND power-up AND quadrature AND transceiver has not produced any result

Did you mean: "phase gain imbalance" blind *powerup* quadrature transceiver

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Basic Search Advanced Search Search Preferences

"phase and gain imbalance" AND blind AND "power-up" Search

☑ Journal sources ☑ Preferred Web sources ☑ Other Web sources ☐ Exact phrase

Searched for:: :All of the words:**"phase** and **gain imbalance"** AND **blind** AND **"power-up"** AND **quadrature**

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☐ **1.** Thesis_book_1.book [228K]
Oct 2006
...BiCMOS, and two different 2.4-GHz **quadrature** direct-conversion continuous-wave radar **transceivers** with 1-mW transmit **power** have been fabricated in 0.25-μm...140 4.5.2 CMOS **Quadrature** 2.4 GHz **Transceiver** with LNAs .....141 4.5.3 CMOS **Quadrature** 2.4 GHz **Transceiver** without LNAs...146 4.6.1 **Power** Consumption...
[http://transducers.stanford.edu/Publications/PDF-files...]
similar results

☐ **2.** Method of fixing frequency complex up-conversion phase and gain impairments
Sasson, Nir / Garbi, Uri / Elhanati, Alon, *UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION*, Mar 2005
patno:US20050047494
...a general **up**/down conversion **transceiver** 10 for wireless...1 are the **phase and gain imbalance** (ratio of...with the **phase and gain imbalance** as described...1. During **power up**, the receiver...estimation of the **phase and gain imbalance** is done once...
Full text available at patent office. For more in-depth searching go to LexisNexis
similar results

"phase and gain imbalance" AND blind AND "power-up" Search

☑ Journal sources ☑ Preferred Web sources ☑ Other Web sources ☐ Exact phrase

Results for "((phase and gain imbalance and blind and power-up and quadrature and transceiver) <in>metadata)" e-mail

Your search matched **0** documents.

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» Key

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistan search.

Results for **"((phase and gain imbalance and blind and quadrature and transceiver)<in>metadata)"** e-mail
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((phase and gain imbalance and blind and quadrature and transceiver)<in>metadata) Search

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» Key

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

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» Key

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

view selected items Select All Deselect All

1. **Correction of transmitter gain and phase errors at the receiver**
Cetin, E.; Kale, I.; Morling, R.C.S.;
Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on
Volume 4, 26-29 May 2002 Page(s):IV-109 - IV-112 vol.4
Digital Object Identifier 10.1109/ISCAS.2002.1010401
AbstractPlus | Full Text: PDF(332 KB) **IEEE CNF**
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Results for **"((phase and gain imbalance and quadrature)<in>metadata)"** e-mail
Your search matched **32** of **1643271** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

1. **Gain, phase imbalance, and phase noise effects on error vector magnitud**
Georgiadis, A.;
Vehicular Technology, IEEE Transactions on
Volume 53, Issue 2, March 2004 Page(s):443 - 449
Digital Object Identifier 10.1109/TVT.2004.823477
AbstractPlus | References | Full Text: PDF(320 KB) IEEE JNL
Rights and Permissions

2. **Considerations in the autocalibration of quadrature receivers**
Pierre, J.W.; Fuhrmann, D.R.;
Acoustics, Speech, and Signal Processing, 1995. ICASSP-95., 1995 Internatio on
Volume 3, 9-12 May 1995 Page(s):1900 - 1903 vol.3
Digital Object Identifier 10.1109/ICASSP.1995.480583
AbstractPlus | Full Text: PDF(276 KB) IEEE CNF
Rights and Permissions

3. **Implementation of the corrector of I&Q errors in coherent processor with**
Xinggan Zhang; Zhaoda Zhu;
Information, Communications and Signal Processing, 1997. ICICS., Proceedin International Conference on
Volume 1, 9-12 Sept. 1997 Page(s):130 - 132 vol.1
Digital Object Identifier 10.1109/ICICS.1997.647072
AbstractPlus | Full Text: PDF(176 KB) IEEE CNF
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4. **An adaptive digital technique for compensating for analog quadrature modulator/demodulator impairments**
Lohtia, A.; Goud, P.; Englefield, C.;
Communications, Computers and Signal Processing, 1993., IEEE Pacific Rim
Volume 2, 19-21 May 1993 Page(s):447 - 450 vol.2
Digital Object Identifier 10.1109/PACRIM.1993.407325
AbstractPlus | Full Text: PDF(316 KB) IEEE CNF
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5. **Adaptive compensation for imbalance and offset losses in direct convers**
Cavers, J.K.; Liao, M.W.;
Vehicular Technology, IEEE Transactions on

Volume 42, Issue 4, Nov. 1993 Page(s):581 - 588
Digital Object Identifier 10.1109/25.260752

AbstractPlus | Full Text: PDF(608 KB) IEEE JNL
Rights and Permissions

6. **On transmitter gain/phase imbalance compensation at receiver**
Xinping Huang;
Communications Letters, IEEE
Volume 4, Issue 11, Nov. 2000 Page(s):363 - 365
Digital Object Identifier 10.1109/4234.892203

AbstractPlus | References | Full Text: PDF(52 KB) IEEE JNL
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7. **Maximum likelihood detection of I/Q imbalance signal with self-organized assistance**
Lerkvaranyu, S.; Miyanaga, Y.;
Intelligent Signal Processing and Communication Systems, 2004. ISPACS 200 2004 International Symposium on
18-19 Nov. 2004 Page(s):660 - 664
Digital Object Identifier 10.1109/ISPACS.2004.1439141

AbstractPlus | Full Text: PDF(318 KB) IEEE CNF
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8. **Gain/phase imbalance and DC offset compensation in quadrature modula**
Xinping Huang; Caron, M.;
Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on
Volume 4, 26-29 May 2002 Page(s):IV-811 - IV-814 vol.4
Digital Object Identifier 10.1109/ISCAS.2002.1010581

AbstractPlus | Full Text: PDF(280 KB) IEEE CNF
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9. **Two calibration methods of wideband quadrature receiver mismatch erro**
Luo Yongjian; Yu Genmiao; Zhang Shouliong;
Radar, 2001 CIE International Conference on, Proceedings
15-18 Oct. 2001 Page(s):410 - 414
Digital Object Identifier 10.1109/ICR.2001.984719

AbstractPlus | Full Text: PDF(235 KB) IEEE CNF
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10. **Performance of a direct conversion receiver with π/4-DQPSK modulated**
Anvari, K.; Kaube, M.; Hriskevich, B.;
Vehicular Technology Conference, 1991. 'Gateway to the Future Technology i IEEE
19-22 May 1991 Page(s):822 - 827
Digital Object Identifier 10.1109/VETEC.1991.140610

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11. **An adaptive direct conversion transmitter**
Hilborn, D.S.; Stapleton, S.P.; Cavers, J.K.;
Vehicular Technology, IEEE Transactions on
Volume 43, Issue 2, May 1994 Page(s):223 - 233
Digital Object Identifier 10.1109/25.293640

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12. **The effect of quadrature modulator and demodulator errors on adaptive predistorters for amplifier linearization**
Cavers, J.K.;

Vehicular Technology, IEEE Transactions on
Volume 46, Issue 2, May 1997 Page(s):456 - 466
Digital Object Identifier 10.1109/25.580784

AbstractPlus | References | Full Text: PDF(340 KB) IEEE JNL
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☐ **13. Correction of transmitter gain and phase errors at the receiver**
Cetin, E.; Kale, I.; Morling, R.C.S.;
Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on
Volume 4, 26-29 May 2002 Page(s):IV-109 - IV-112 vol.4
Digital Object Identifier 10.1109/ISCAS.2002.1010401

AbstractPlus | Full Text: PDF(332 KB) IEEE CNF
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☐ **14. Wideband quadrature error correction (using SVD) for stepped-frequenc**
Noon, D.A.; Longstaff, I.D.; Stickley, G.F.;
Aerospace and Electronic Systems, IEEE Transactions on
Volume 35, Issue 4, Oct. 1999 Page(s):1444 - 1449
Digital Object Identifier 10.1109/7.805461

AbstractPlus | References | Full Text: PDF(348 KB) IEEE JNL
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☐ **15. BER of differentially detected π/4 DQPSK in the presence of quadrature**
Scarpa, M.; Vogel, J.; Stonick, J.; Kiaei, S.;
Wireless Communications and Networking Conference, 1999. WCNC. 1999 IE
21-24 Sept. 1999 Page(s):201 - 205 vol.1
Digital Object Identifier 10.1109/WCNC.1999.797815

AbstractPlus | Full Text: PDF(364 KB) IEEE CNF
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☐ **16. Compensation technique for impairments of wideband quadrature demo direct conversion receivers**
Matsui, M.; Nakagawa, T.; Kobayashi, K.; Araki, K.;
Personal, Indoor and Mobile Radio Communications, 2004. PIMRC 2004. 15th International Symposium on
Volume 3, 5-8 Sept. 2004 Page(s):1677 - 1681 Vol.3

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☐ **17. Analysis of impairments in direct conversion receivers and their effects i signaling**
Tzimas, A.; Kalivas, G.;
Vehicular Technology Conference, 2001. VTC 2001 Spring. IEEE VTS 53rd
Volume 3, 6-9 May 2001 Page(s):1992 - 1995 vol.3
Digital Object Identifier 10.1109/VETECS.2001.945045

AbstractPlus | Full Text: PDF(280 KB) IEEE CNF
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☐ **18. Gain/phase imbalance compensation for multi-band quadrature receivers**
Nakagawa, T.; Matsui, M.; Araki, K.;
Vehicular Technology Conference, 2004. VTC2004-Fall. 2004 IEEE 60th
Volume 3, 26-29 Sept. 2004 Page(s):2034 - 2037 Vol. 3
Digital Object Identifier 10.1109/VETECF.2004.1400396

AbstractPlus | Full Text: PDF(595 KB) IEEE CNF
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☐ **19. Adaptive compensation for imbalance and offset losses in direct convers**
Cavers, J.K.; Liao, M.;
Vehicular Technology Conference, 1991. 'Gateway to the Future Technology i

IEEE
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Cavers, J.K.;
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☐ **21. A new technique for estimation and compensation of IQ imbalance in OF**
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☐ **22. An MMSE based calibration of LINC transmitter**
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☐ **23. Gain/phase imbalance-minimization techniques for LINC transmitters**
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☐ **24. I/Q modulator image rejection through modulation pre-distortion**
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☐ **25. Efficient compensation for frequency-dependent errors in analog recons used in IQ modulators**
Tuthill, J.; Cantoni, A.;
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Inventor Information for 10/652674

Inventor Name	City	State/Country
SASSON, NIR	EIN-SARID	ISRAEL
GARBI, URI	ROSH HAAIN	ISRAEL
ELHANATI, ALON	TEL AVIV	ISRAEL

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Last Name = SASSON
First Name = NIR

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09539995	6792054	150	03/30/2000	METHOD FOR REDUCING COMPLEX FREQUENCY DOWN-CONVERSION IMPAIRMENTS	SASSON, NIR
09539996	6708027	150	03/30/2000	METHOD AND APPARATUS FOR HARMONIC FREE GENERATION IN MULTIPLE MIXING FREQUENCY CONVERSION	SASSON, NIR
09711831	Not Issued	161	11/13/2000	Single chip integrated CATV tuner for figital and analog applications	SASSON, NIR
09711832	Not Issued	163	11/13/2000	Analog processor for CATV tuner analog processor for CATV tuner	SASSON, NIR
10105533	7263144	150	03/20/2002	METHOD AND SYSTEM FOR DIGITAL EQUALIZATION OF NON-LINEAR DISTORTION	SASSON, NIR
10447781	7197524	150	05/29/2003	DIRECT RF SAMPLING FOR CABLE APPLICATIONS AND OTHER BROADBAND SIGNALS	SASSON, NIR
10652674	Not Issued	71	08/29/2003	Method of fixing frequency complex up-conversion phase and gain impairments	SASSON, NIR
10930459	Not Issued	30	08/31/2004	System and method of removing discrete spurious signals in cable broadband and other RF environments	SASSON, NIR
11012796	Not Issued	161	12/15/2004	Method of enhancing power amplifier linearity	SASSON, NIR
11191261	Not Issued	30	07/27/2005	Versatile low power driver for gigabit ethernet systems	SASSON, NIR
60126804	Not Issued	159	03/30/1999	METHOD FOR FREE HARMONIC RANGE	SASSON, NIR

				GENERATION IN MULTIPLE MIXING CONVERSION SCHEMES	
60126832	Not Issued	159	03/30/1999	METHOD FOR FIXING FREQUENCY COMPLEX DOWN-CONVERSION IMPAIRMENTS	SASSON, NIR
60128810	Not Issued	159	04/12/1999	SYSTEM AND METHOD FOR COMMUNICATION OVER TV CABLES	SASSON, NIR
60165129	Not Issued	159	11/12/1999	SINGLE CHIP INTEGRATED CATV TUNER FOR DIGITAL AND ANALOG APPLICATIONS	SASSON, NIR
60165363	Not Issued	159	11/12/1999	ANALOG PROCESSOR FOR A CATV TUNER	SASSON, NIR
60277177	Not Issued	159	03/20/2001	Method for digital equalization of non-linear harmonic distortion in RFreceivers and transmitters	SASSON, NIR
60592304	Not Issued	159	07/28/2004	GE low power line driver	SASSON, NIR
60744820	Not Issued	159	04/13/2006	Method and System for copyright protected multimedia content and advertising distribution	SASSON, NIR
60746297	Not Issued	159	05/03/2006	Method and System for copyright protected multimedia content sponsoring by targeted advertising	SASSON, NIR
60893812	Not Issued	20	03/08/2007	Method and system for low cost collaborative clustered p2p bandwidth network	SASSON, NIR

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
09711831	Not Issued	161	11/13/2000	Single chip integrated CATV tuner for figital and analog applications	GARBI, URI
09711832	Not Issued	163	11/13/2000	Analog processor for CATV tuner analog processor for CATV tuner	GARBI, URI
10421184	7120546	150	04/23/2003	INTEGRATED SPECTRUM ANALYZER FOR TUNERS	GARBI, URI
10427541	Not Issued	161	05/01/2003	Method of loop bandwidth control in mixed signal applications	GARBI, URI
10447781	7197524	150	05/29/2003	DIRECT RF SAMPLING FOR CABLE APPLICATIONS AND OTHER BROADBAND SIGNALS	GARBI, URI
10652674	Not Issued	71	08/29/2003	Method of fixing frequency complex up-conversion phase and gain impairments	GARBI, URI
10930459	Not Issued	30	08/31/2004	System and method of removing discrete spurious signals in cable broadband and other RF environments	GARBI, URI
11012796	Not Issued	161	12/15/2004	Method of enhancing power amplifier linearity	GARBI, URI
60165129	Not Issued	159	11/12/1999	SINGLE CHIP INTEGRATED CATV TUNER FOR DIGITAL AND ANALOG APPLICATIONS	GARBI, URI
60165363	Not Issued	159	11/12/1999	ANALOG PROCESSOR FOR A CATV TUNER	GARBI, URI

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First Name = ALON

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10105533	7263144	150	03/20/2002	METHOD AND SYSTEM FOR DIGITAL EQUALIZATION OF NON-LINEAR DISTORTION	ELHANATI, ALON
10421184	7120546	150	04/23/2003	INTEGRATED SPECTRUM ANALYZER FOR TUNERS	ELHANATI, ALON
10652674	Not Issued	71	08/29/2003	Method of fixing frequency complex up-conversion phase and gain impairments	ELHANATI, ALON
10930459	Not Issued	30	08/31/2004	System and method of removing discrete spurious signals in cable broadband and other RF environments	ELHANATI, ALON
11772461	Not Issued	17	07/02/2007	Automatic Gain Control for a Wideband Signal	ELHANATI, ALON
60862388	Not Issued	20	10/20/2006	Coarse Automatic Gain Control Algorithm for DOCSIS3.0 Downstream Wide Band Signal	ELHANATI, ALON

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